

Contents of *Agriculture, Ecosystems and Environment*, Volume 56

VOL. 56 NO. 1

NOVEMBER 1995

Soil-fertility management and host preference by European corn borer, <i>Ostrinia nubilalis</i> (Hübner), on <i>Zea mays</i> L.: A comparison of organic and conventional chemical farming P.L. Phelan, J.F. Mason and B.R. Stinner (Wooster, OH, USA)	1
Changes in soil properties during long-term fallow and continuous cultivation after forest clearing in Nigeria A.S.R. Juo, K. Franzluebbers (College Station, TX, USA), A. Dabiri and B. Ikhile (Ibadan, Nigeria)	9
Ecological effects of the invasive weed species <i>Senecio jacobaea</i> L. (ragwort) in a New Zealand pasture D.A. Wardle, K.S. Nicholson and A. Rahman (Hamilton, New Zealand)	19
Agronomic and economic evaluation of methods of establishing alley cropping under a maize/groundnut intercrop system J. Tonye (PMB Ibadan, Nigeria) and P. Titi-Nwel (Yaoundé, Cameroon)	29
Caesium and strontium uptake by two pasture plant species grown in organic and inorganic soils. D.S. Veresoglou, J.T. Tsialtas, N. Barbayiannis (Thessaloniki, Greece) and G.C. Zalidis (Thermi, Greece)	37
Sulphur mineralisation in five Danish soils as measured by plant uptake in a pot experiment J. Eriksen, J.V. Mortensen, J.D. Nielsen (Tjele, Denmark) and N.E. Nielsen (Frederiksberg, Denmark)	43
Assessment of soluble phosphorus load in surface runoff by soil analyses M. Yli-Halla, H. Hartikainen, P. Ekholm (Helsinki, Finland), E. Turtola (Jokioinen, Finland), M. Puustinen and K. Kallio (Helsinki, Finland)	53
Book reviews	
Sustainable agriculture	63
Agrochemicals	65
Sewage sludge	66
Ozone discourses	67
Biological monitoring of the environment	68
Erratum	71
Announcements	75
Contents of <i>Applied Soil Ecology</i>, Vol. 2 No. 4	76

VOL. 56 NO. 2

DECEMBER 1995

How land condition alters plant–animal relationships in Australia's tropical rangelands A.J. Ash (Aitkenvale, Qld., Australia), J.G. McIvor (St. Lucia, Qld., Australia), J.P. Corfield (Aitkenvale, Qld., Australia) and W.H. Winter (St. Lucia, Qld., Australia)	77
Crop-weed interference as influenced by a leguminous or synthetic fertilizer nitrogen source: I. Doublecropping experiments with crimson clover, sweet corn, and lambsquarters E. Dyck, M. Liebman and M.S. Erich (Orono, ME, USA)	93
Crop-weed interference as influenced by a leguminous or synthetic fertilizer nitrogen source: II. Rotation experiments with crimson clover, field corn, and lambsquarters E. Dyck and M. Liebman (Orono, ME, USA)	109

Nitrate leaching and strawberry production under drip irrigation management J. Guimerà, O. Marfà, L. Candela and L. Serrano (Barcelona, Spain)	121
Soil biological health and agro-ecological change J. Park (Reading, UK) and S.H. Cousins (Cranfield, UK)	137
Acknowledgement to Referees 1995	149
Contents of <i>Applied Soil Ecology</i> , Vol. 2 No. 4	150

VOL. 56 NO. 3**MARCH 1996****Review**

Review of the status and integrated control of the invasive alien weed, <i>Chromolaena odorata</i> , in South Africa J.M. Goodall (Pietermaritzburg, South Africa) and D.J. Erasmus (Pretoria, South Africa)	151
---	-----

Regular Papers

Inoculation and phosphorus effects on <i>Desmodium intortum</i> and <i>Sesbania sesban</i> in the Ethiopian highlands I. Haque, N.Z. Lupwayi and N. Luyindula (Addis Ababa, Ethiopia)	165
Effects of manure treatment and soil compaction on plant production of a dairy farm system converting to organic farming practice S. Hansen (Kvitthamar, Norway)	173
Qualitative land suitability assessment for pyrethrum cultivation in west Kenya based upon computer-captured expert knowledge and GIS P. Wandahwa and E. Van Ranst (Gent, Belgium)	187
Farming systems dynamics: Impact of increasing population density and the availability of land resources on changes in agricultural systems. The case of Sukumaland, Tanzania H.C.C. Meertens (Mwanza, Tanzania), L.O. Fresco (Wageningen, Netherlands) and W.A. Stoop (Amsterdam, Netherlands)	203

Book Review

Individuals, populations and patterns in ecology	217
Contents of <i>Agriculture, Ecosystems and Environment</i> , Volume 56	219
Contents of <i>Applied Soil Ecology</i> , Vol. 3 No. 1	221

